09/396,641 "Patent"

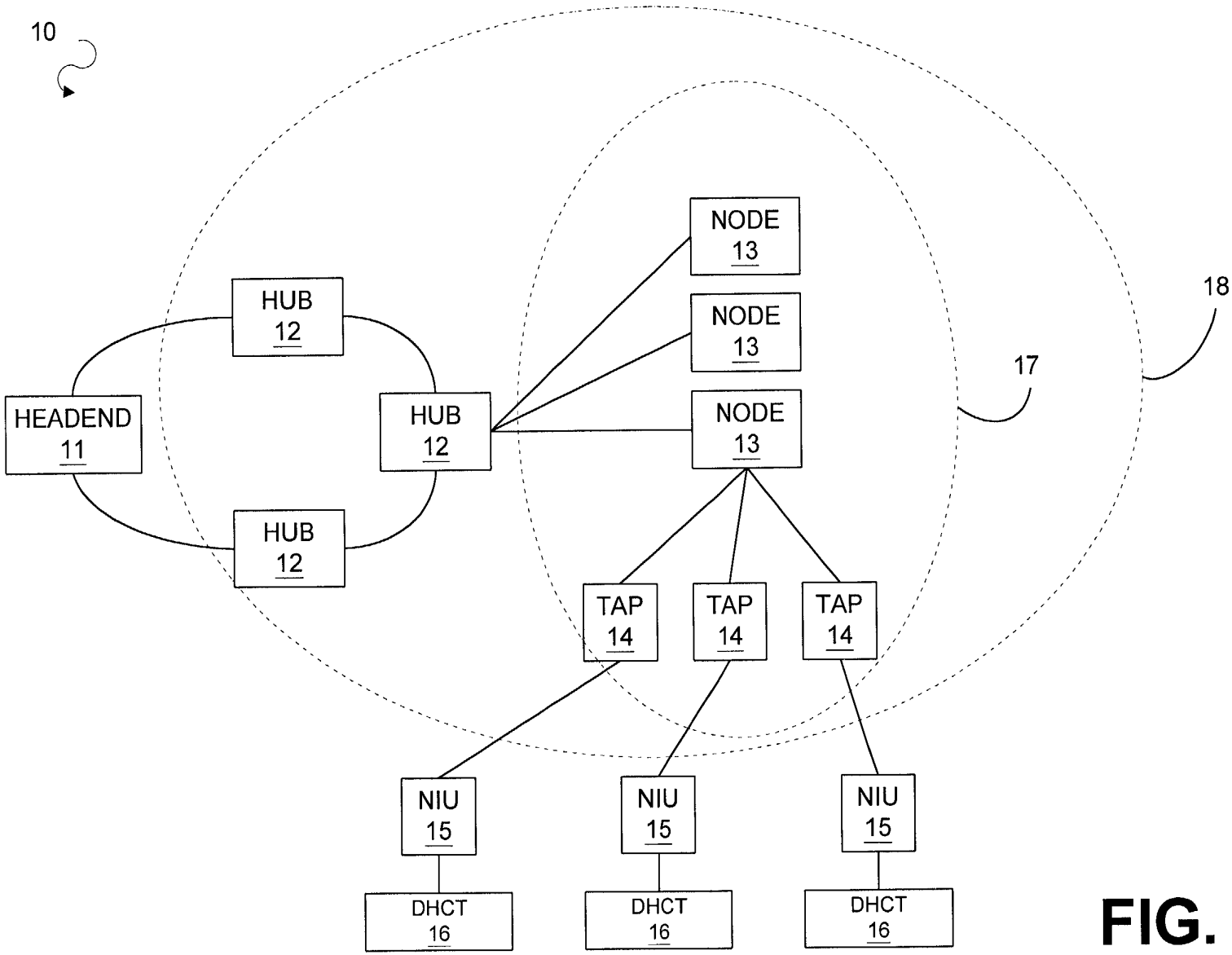
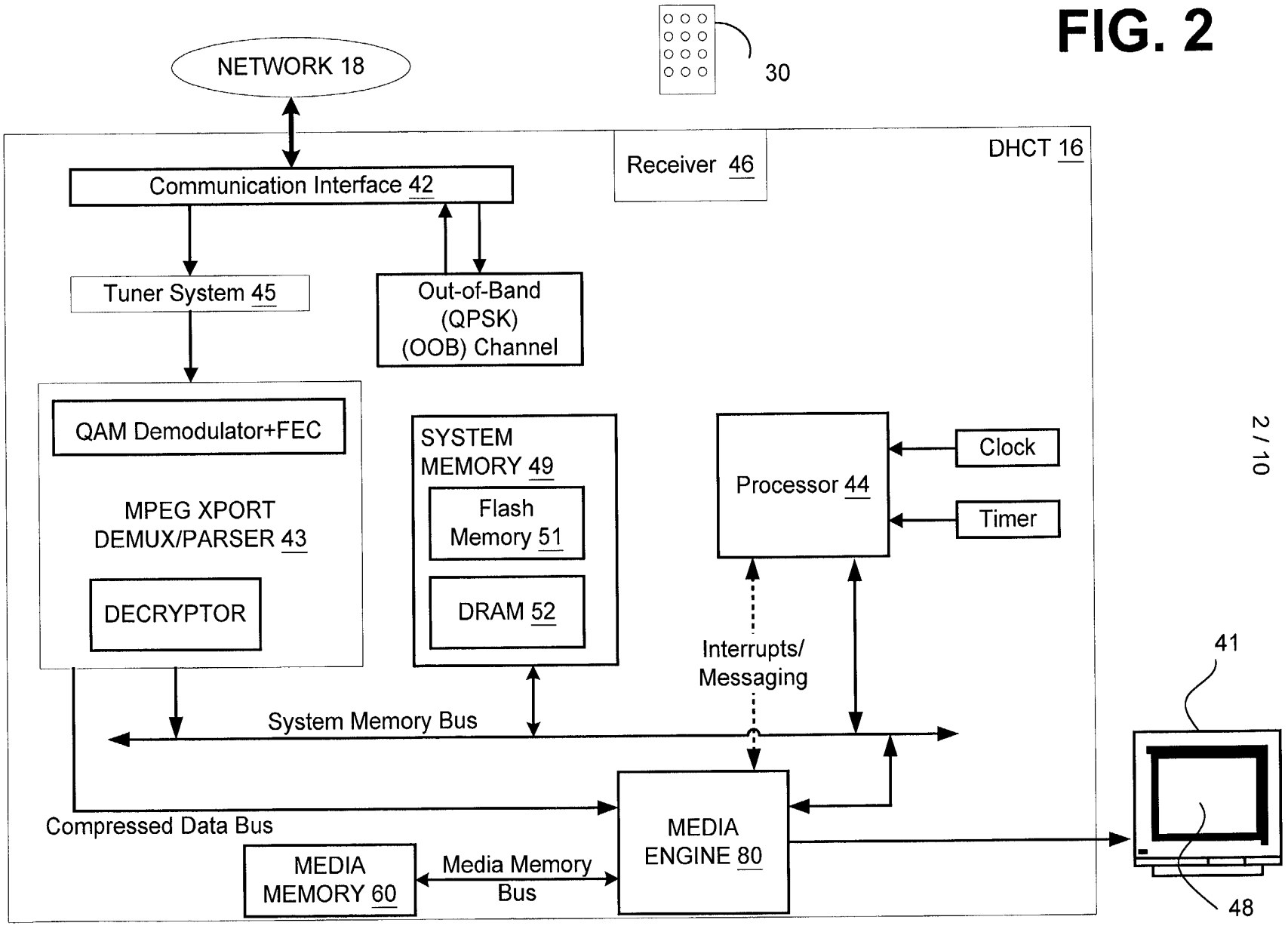


FIG. 1

DOHT2T" T999E/60

FIG. 2



09/396760 10/12/99

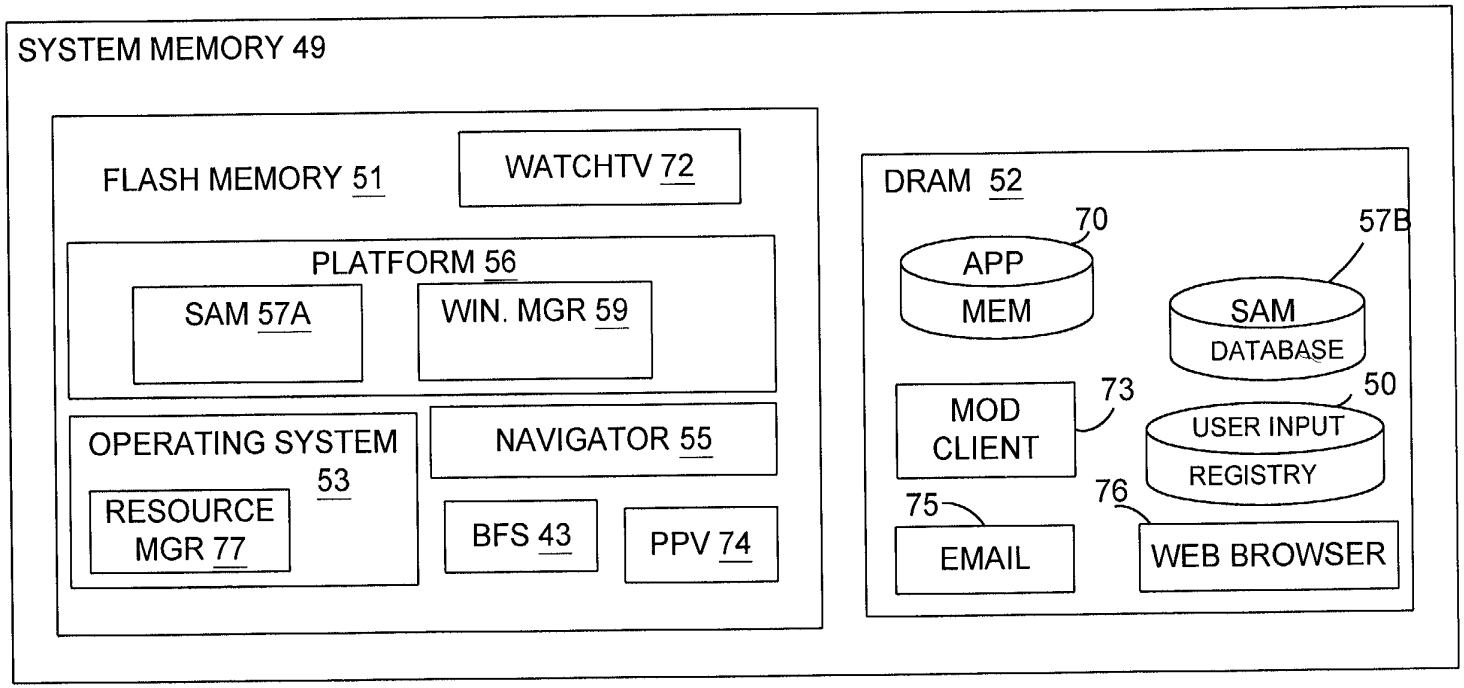
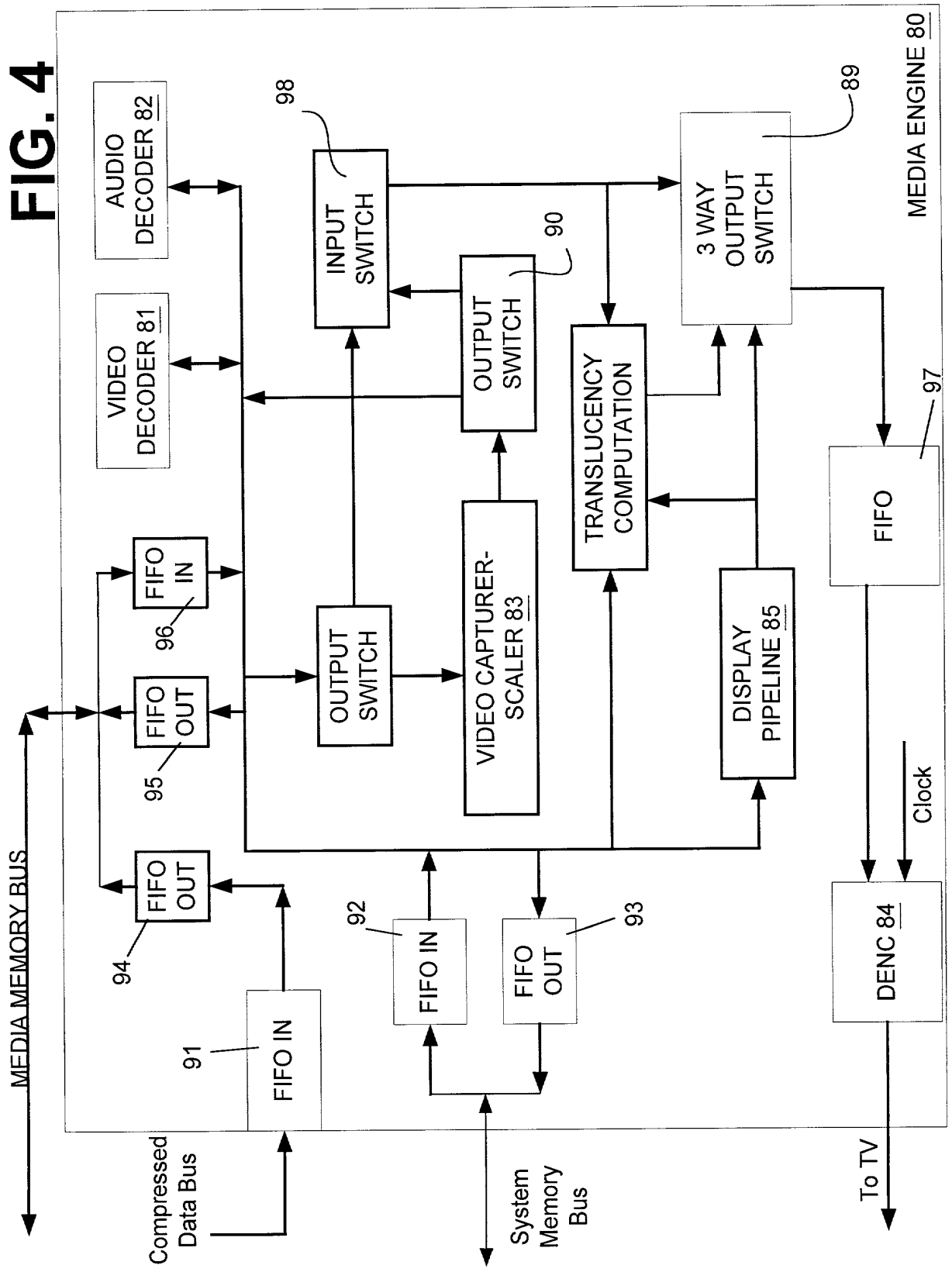


FIG. 3

Docket: 15956/50

FIG. 4



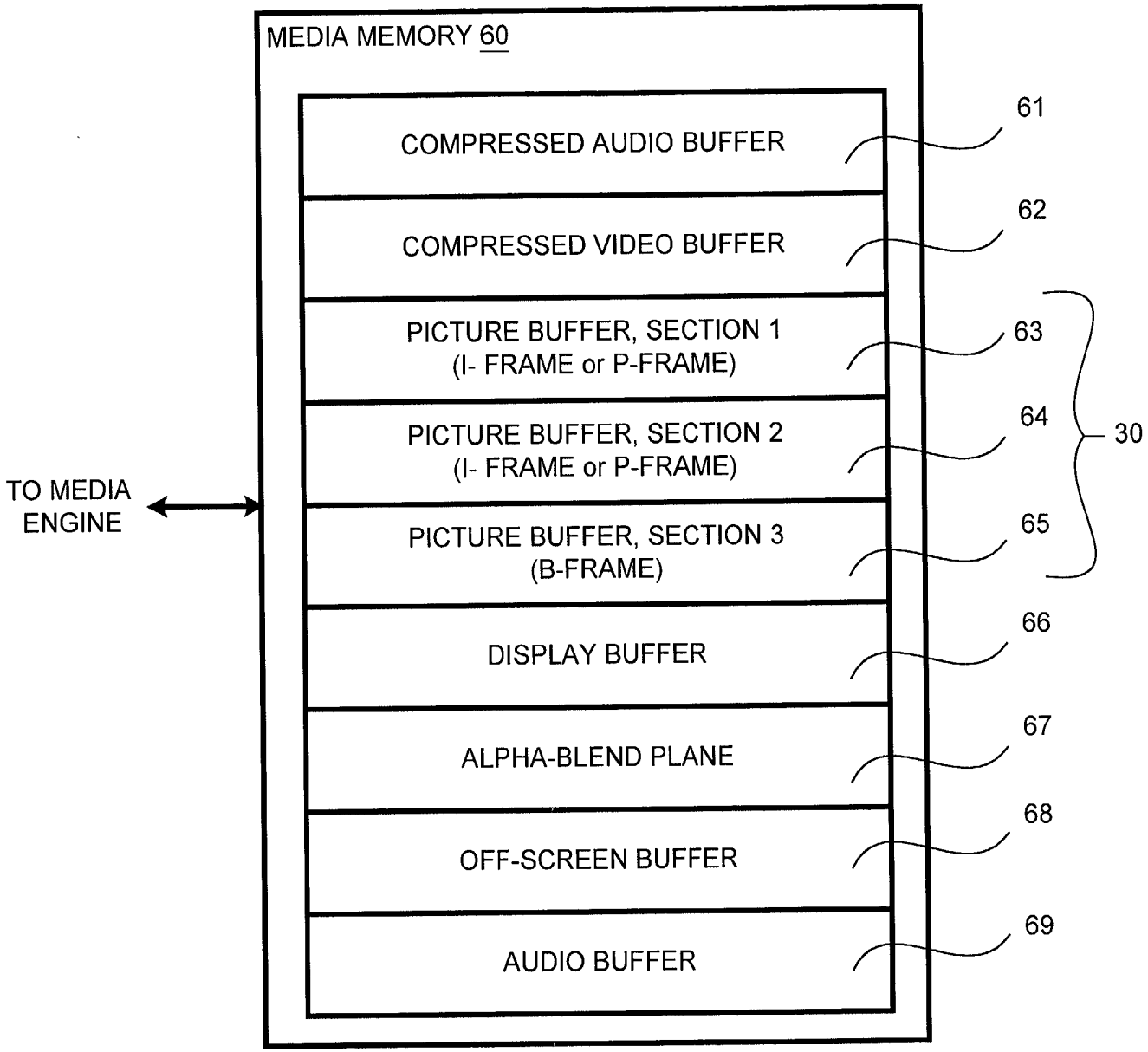

MEDIA MEMORY 60
COMPRESSED AUDIO BUFFER
61
COMPRESSED VIDEO BUFFER
62
PICTURE BUFFER, SECTION 1
(I- FRAME or P-FRAME)
63
PICTURE BUFFER, SECTION 2
(I- FRAME or P-FRAME)
64
PICTURE BUFFER, SECTION 3
(B-FRAME)
65
30
DISPLAY BUFFER
66
ALPHA-BLEND PLANE
67
OFF-SCREEN BUFFER
68
AUDIO BUFFER
69
TO MEDIA
ENGINE

FIG. 5

DOHT2F" T999E/60

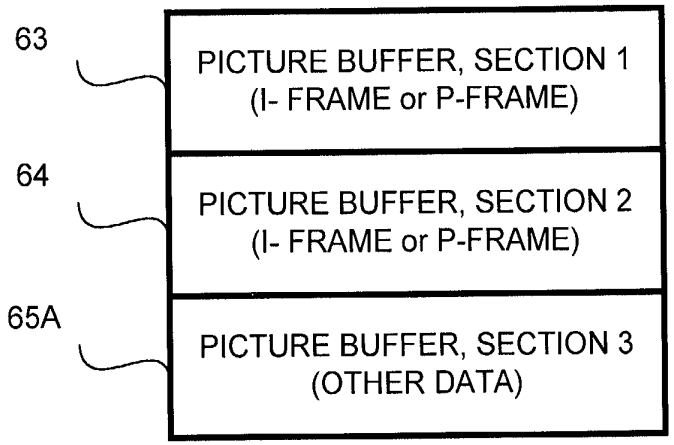


FIG. 5A

09/760,799 Attorney Docket No. 10001721

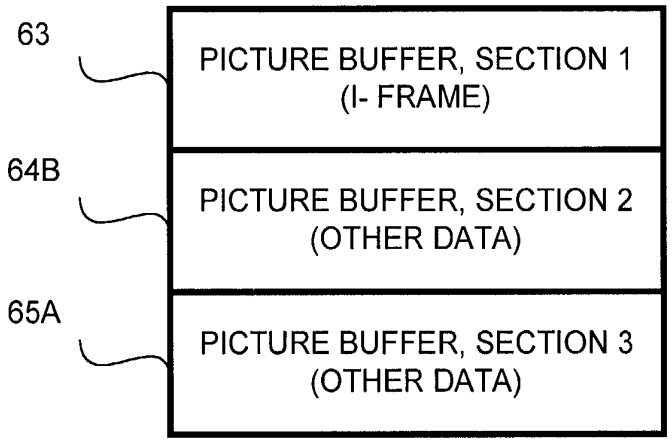


FIG. 5B

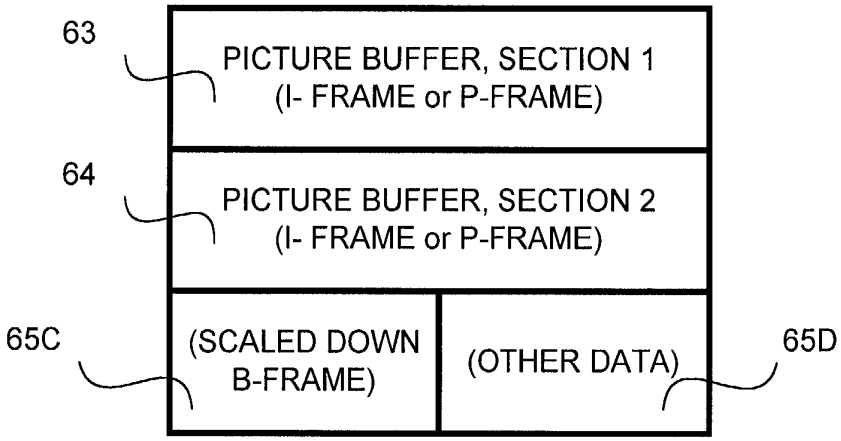

63
PICTURE BUFFER, SECTION 1
(I- FRAME or P-FRAME)
64
PICTURE BUFFER, SECTION 2
(I- FRAME or P-FRAME)
65C
(SCALED DOWN
B-FRAME)
(OTHER DATA)
65D

FIG. 5C

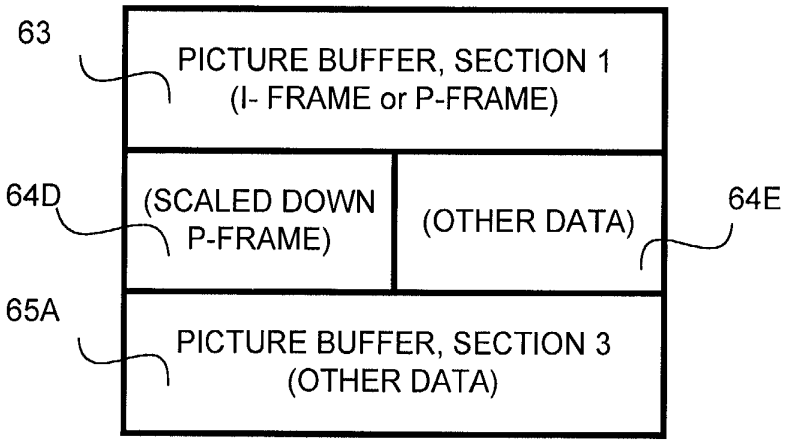

63
PICTURE BUFFER, SECTION 1
(I- FRAME or P-FRAME)
64D
(SCALED DOWN
P-FRAME)
(OTHER DATA)
64E
65A
PICTURE BUFFER, SECTION 3
(OTHER DATA)

FIG. 5D

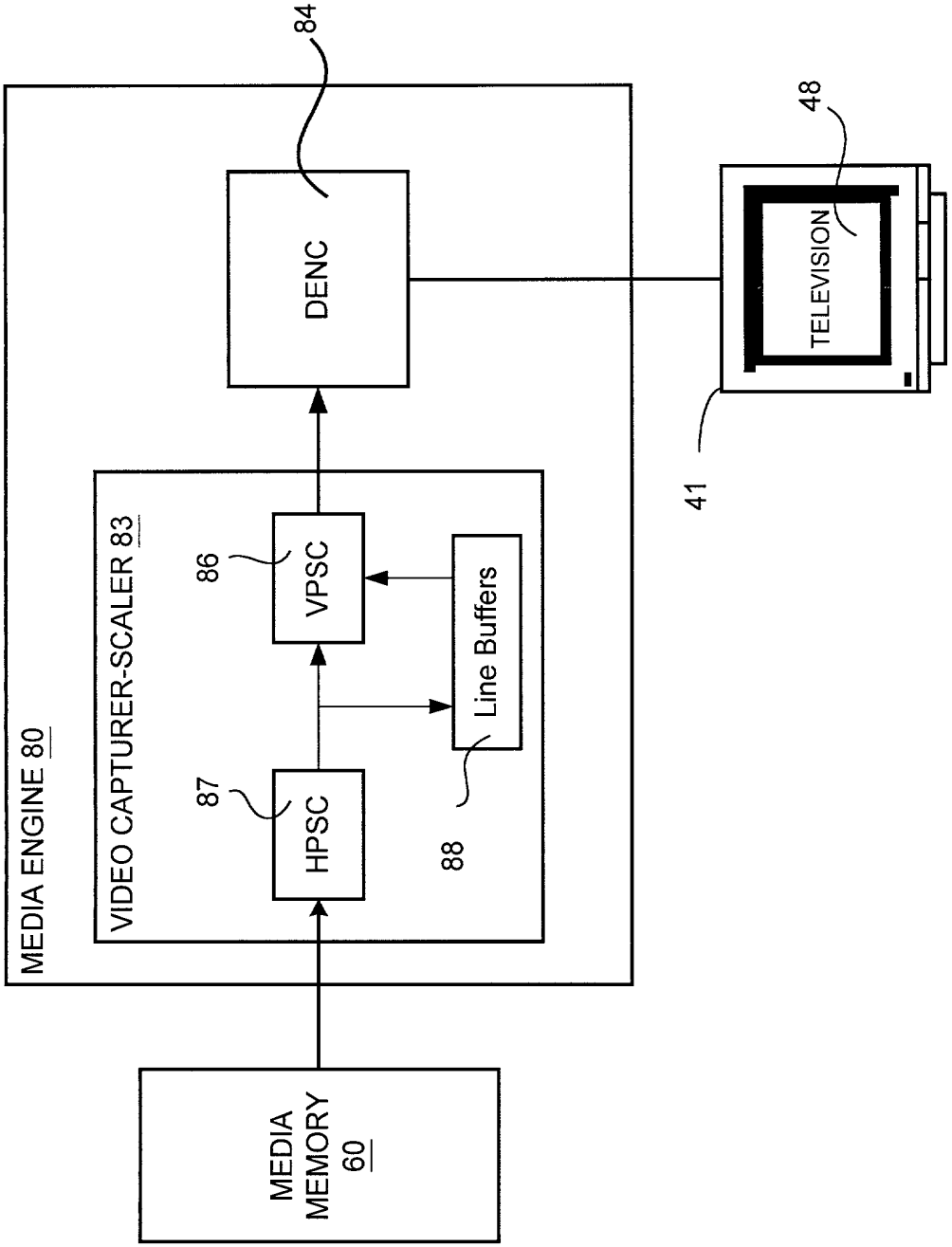

MEDIA MEMORY 60
MEDIA ENGINE 80
VIDEO CAPTURER-SCALER 83
HPSC
87
VPSC
86
Line Buffers
88
DENC
84
41
TELEVISION
48

FIG. 6